

A) Same Mass / Same Velocity / Opposite Direction

ball	mass	x	y	Vx	Vy	Px	Py
1	0.5	0.500	0.000	1.000	0.000		
2	0.5	2.500	0.000	-1.000	0.000		

Draw "Before" Collision

Draw "After" Collision

ball	m (kg)	v _b (m/s)	p _b (kg-m/s)	ball	m (kg)	v _a (m/s)	p _a (kg-m/s)
1				1			
2				2			
Total				Total			